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9-[2-[[[di (trimethylacetoxyl) methyl] phosphoroso] methoxy]-ethyl] adenine crystal and its prepn and crystal application

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The present invention relates to one kind of 9-[2-[[[di(trimethyl acetoxyl)methyl] phosphoroso] methoxy]-ethyl] adenine crystal. The crystal has space group Cc, crystal cell parameters $a=13.087(5)$ angstrom, $\alpha=90.00(2)$ deg, $b=24.698(8)$ angstrom, $\beta=100.68(3)$ deg, $c=8.319(2)$ angstrom, $\gamma=90.00(3)$ deg and $Z=4$, and crystal cell volume $2637.6(15)$ cubic angstrom. The present invention also relates to the process of crystallization in absolute alcohol to obtain 9-[2-[[[di(trimethyl acetoxyl)methyl]phosphoroso]methoxy]-ethyl] adenine crystal. The present invention also relates to the application of the crystal in preparing antiviral medicine.

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